STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	10/575, 261
Source:	IFWP
Date Processed by STIC:	04/24/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

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- 1. EFS-Bio (http://www.uspto.gov/ebc/efs/downloads/documents.htm, EFS Submission User Manual ePAVE)
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Revised 01/10/06



IFWP

RAW SEQUENCE LISTING

DATE: 04/24/2006

PATENT APPLICATION: US/10/575,261

TIME: 16:15:41

Input Set : A:\seq list.txt

Output Set: N:\CRF4\04242006\J575261.raw

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3 <110> APPLICANT: KYOWA HAKKO KOGYO CO., LTD.
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- 5 <120> TITLE OF INVENTION: Fusion protein composition
- 7 <130> FILE REFERENCE: 11613W01
- C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/575,261
- C--> 9 <141> CURRENT FILING DATE: 2006-04-10
 - 9 <150> PRIOR APPLICATION NUMBER: P2003-350158
 - 10 <151> PRIOR FILING DATE: 2003-10-08
 - 12 <160> NUMBER OF SEQ ID NOS: 113
 - 14 <170> SOFTWARE: PatentIn Ver. 2.1

Corrected Diskette Needed 6

ERRORED SEQUENCES

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133 <212> TYPE: PRT

- 134 <213> ORGANISM: Cricetulus griseus
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- 143 Gly Gln Asp Gly Ser Tyr Leu Ala Glu Phe Leu Leu Glu Lys Gly Tyr
- 35 40 146 Glu Val His Gly Ile Val Arg Arg Ser Ser Phe Asn Thr Gly Arg
- 50 55
- 149 Ile Glu His Leu Tyr Lys Asn Pro Gln Ala His Ile Glu Gly Asn Met
- 70 75 152 Lys Leu His Tyr Gly Asp Leu Thr Asp Ser Thr Cys Leu Val Lys Ile
- E--> 153 (85) 90 95 95 200 90
- 155 He Asn Glu Val Lys Pro Thr Glu Ile Tyr Asn Leu Gly Ala Gln Ser 105 120 100 185 110 115
- 158 His Val Lyş Ile Ser Phe Asp Leu Ala Glu Tyr Thr Ala Asp Val Asp
- 115 120 120 125 /25 120
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- E--> 165 /45 150 /50 155 /55 160 /60
- 170 175 165 200 E--> 168 165
- 170 Ser Pro Tyr Gly Ala Ala Lys Leu Tyr Ala Tyr Trp Ile Val Val Asn
 171 /80 185 /85 190 /90 195 180 785 185 100 E--> 171
 - 173 Phe Arg Glu Ala Tyr Asn Leu Phe Ala Val Asn Gly Ile Leu Phe Asn 200

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DATE: 04/24/2006

PATENT APPLICATION: US/10/575,261 TIME: 16:15:41 Input Set : A:\seq list.txt Output Set: N:\CRF4\04242006\J575261.raw 200 210 E--> 174 205 176 His Glu Ser Pro Arg Arg Gly Ala Asn Phe Val Thr Arg Lys Ile Ser 177 210 225 226 220 225
179 Arg Ser Val Ala Lys Ile Tyr Leu Gly Gln Leu Glu Cys Phe Ser Leu
180 225 236 236 246 246 235 240 E--> 180 272 \$ 230 182 Gly Asn Leu Asp Ala Lys Arg Asp Trp Gly His Ala Lys Asp Tyr Val 250 255 233 260 245 250 B--> 183_245 185 Glu Ala Met Trp Leu Met Leu Gln Asn Asp Glu Pro Glu Asp Phe Val 260265 265 270 270275 188 Ile Ala Thr Gly Glu Val His Ser Val Arg Glu Phe Val Glu Lys Ser 189 245 280 280 285 265 296 250285 E--> 189 191 Phe Met His Ile Gly Lys Thr Ile Val Trp Glu Gly Lys Asn Glu Asn 192 290295 291300 300 305 194 Glu Val Gly Arg Cys Lys Glu Thr Gly Lys Ile His Val Thr Val Asp B--> 195 20 \$ 320 3KO 325 315 320 197 Leu Lys Tyr Tyr Arg Pro Thr Glu Val Asp Phe Leu Gln Gly Asp Cys 32) 320 335 340 330,255 B--> 198 325 200 Ser Lys Ala Gln Gln Lys Leu Asn Trp Lys Pro Arg Val Ala Phe Asp 240 345 250355 245 350 204 Glu Leu Val Arg Glu Met Val Gln Ala Asp Val Glu Leu Met Arg Thr 205 355 360 260385 265 370 207 Asn Pro Asn Ala * 570 **375** E--> 208 471 <210> SEQ ID NO: 7 472 <211> LENGTH: 575 473 <212> TYPE: PRT 474 <213> ORGANISM: Cricetulus griseus 476 <400> SEQUENCE: 7 477 Met Arg Ala Trp Thr Gly Ser Trp Arg Trp Ile Met Leu Ile Leu Phe 480 Ala Trp Gly Thr Leu Leu Phe Tyr Ile Gly Gly His Leu Val Arg Asp 483 Asn Asp His Pro Asp His Ser Ser Arg Glu Leu Ser Lys Ile Leu Ala 35 40 486 Lys Leu Glu Arg Leu Lys Gln Gln Asn Glu Asp Leu Arg Arg Met Ala 489 Glu Ser Leu Arg Ile Pro Glu Gly Pro Ile Asp Gln Gly Thr Ala Thr 492 Gly Arg Val Arg Val Leu Glu Glu Gln Leu Val Lys Ala Lys Glu Gln 495 Ile Glu Asn Tyr Lys Lys Gln Ala Arg Asn Asp Leu Gly Lys Asp His 100 105 498 Glu Ile Leu Arg Arg Arg Ile Glu Asn Gly Ala Lys Glu Leu Trp Phe 501 Phe Leu Gln Ser Glu Leu Lys Lys Leu Lys Lys Leu Glu Gly Asn Glu 135 505 Leu Gln Arg His Ala Asp Glu Ile Leu Leu Asp Leu Gly His His Glu

150

508 Arg Ser Ile Met Thr Asp Leu Tyr Tyr Leu Ser Gln Thr Asp Gly Ala

155

RAW SEQUENCE LISTING

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PATENT APPLICATION: US/10/575,261

DATE: 04/24/2006 TIME: 16:15:41



Input Set : A:\seq list.txt
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509					165					170					175	
511	Gly	Glu	Trp	Arg	Glu	Lys	Glu	Ala	Lys	Asp	Leu	Thr	Glu	Leu	Val	Gln
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	Arq	Arg	Ile	Thr	Tyr	Leu	Gln	Asn	Pro	Lys	Asp	Cys	Ser	Lys	Ala	Arg
515		- 5	195		•			200		•	•	•	205	-		
	Lvs	Leu		Cvs	Asn	Ile	Asn	Lvs	Glv	Cvs	Glv	Tvr	Glv	Cvs	Gln	Leu
518	-1-	210		-1-			215		2	-2 -	2	220	4			
	Hie	His	Va 1	17a 1	Тул	Cva		Met	Tle	Δla	ጥኒም		Thr	Gln	Ara	Thr
521		1113	Val	VUI	+ y +	230	1 110	1100	110	2124	235	017	****	02	••••	240
		Ile	T	~1	C		7 00	m~~	7~~	T-1		The	G3.11	C111	T~~	
	Deu	116	пеп	GIU		GIII	Wali	тър	Arg	250	ATG	TIII	GIY	Gry	255	Gru
524	m1	**- 7	Db.	7	245	17-7	0	a 1	mh sa		mb	*	7 ~~~	Com		T 011
	Thr	Val	Pne	-	Pro	vaı	ser	GIU		Cys	THE	Asp	Arg		GIY	ьец
527			~1	260	m	0	01	a 1	265	T	3	T	3	270	01 -	17-1
	ser	Thr	_	HIS	Trp	ser	GIY		vai	гàг	Asp	гÀг		vai	GIN	vai
530			275	_			_	280	_		_	_	285	_		_
	Val	Glu	Leu	Pro	Ile	Val	_	ser	Leu	His	Pro	_	Pro	Pro	Tyr	Leu
533		290	_	_			295				_	300	_	_		
535	Pro	Leu	Ala	Val	Pro		Asp	Leu	Ala	Asp		Leu	Leu	Arg	Val	
536						310					315					320
	Gly	Asp	Pro	Ala	Val	\mathtt{Trp}	\mathtt{Trp}	Val	Ser		Phe	Val	Lys	Tyr		Ile
539					325					330					335	
541	Arg	Pro	Gln	Pro	Trp	Leu	Glu	Arg	Glu	Ile	Glu	Glu	Thr	Thr	Lys	Lys
542				340					345					350		
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545			355					360					365			
547	Lys	Val	Gly	Thr	Glu	Ala	Ala	Phe	His	Pro	Ile	Glu	Glu	Tyr	Met	Val
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551						390					395					400
553	Lys	Lys	Arg	Val	Tyr	Leu	Ala	Thr	Asp	Asp	Pro	Ser	Leu	Leu	Lys	Glu
554					405					410		(415	
556	Ala	Lys	Thr	Lys	Tyr	Ser	Asn	Tyr	Glu	Phe	Ile	Ser	Asp	Asn	Ser	Ile
557				420					425			,		430		
559	Ser	Trp	Ser	Ala	Gly	Leu	His	Asn	Arg	Tyr	Thr	Glu	Asn	Ser	Leu	Arg
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562	Gly	Val	Ile	Leu	Asp	Ile	His	Phe	Leu	Ser	Gln	Ala	Asp	Phe	Leu	Val
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565	Cys	Thr	Phe	Ser	Ser	Gln	Val	Cys	Arg	Val	Ala	Tyr	Glu	Ile	Met	Gln
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568	Thr	Leu	His	Pro	Asp	Ala	Ser	Ala	Asn	Phe	His	Ser	Leu	Asp	Asp	Ile
569					485					490				-	495	
	Tvr	Tyr	Phe	Glv		Gln	Asn	Ala	His		Gln	Ile	Ala	Val	Tvr	Pro
572	-1-	-1-		500	1				505		•			510	- 2 -	
	His	Gln	Pro		Thr	Lvs	Glu	Glu		Pro	Met	Glu	Pro		Asp	Ile
575			515	J		-1-		520					525	,	F	
	Tle	Gly		Δla	Glv	Asn	His		Asn	Glv	Tvr	Ser		Glv	Va1	Asn
578		530			~+ <u>J</u>		535			~-1	-1-	540	-10	1	. ~ ~	
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201	J=3										J J J					200

RAW SEQUENCE LISTING

DATE: 04/24/2006

PATENT APPLICATION: US/10/575,261

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TIME: 16:15:41

Input Set : A:\seq list.txt

Output Set: N:\CRF4\04242006\J575261.raw



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330

325

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PATENT APPLICATION: US/10/575,261 TIME: 16:15:41

Input Set : A:\seq list.txt

Output Set: N:\CRF4\04242006\J575261.ray



657 Ar	g Pro	Gln	Pro	Trp	Leu	Glu	Lys	Glu	Ile	Glu	Glu	Ala	Thr	Lys	Lys
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660 Le	u Gly		Lys	His	Pro	Val	Ile	Gly	Val	His	Val	Arg 365	Arg	Thr	Asp
661 663 Ly	s Val	355 Glv	Thr	Glu	Ala	Ala		His	Pro	Ile	Glu		Tvr	Met	Val
664	370	_				375					380				
666 Hi		Glu	Glu	His		Gln	Leu	Leu	Ala	_	Arg	Met	Gln	Val	
667 38		7	1701	The same	390	71 n	The	N an	7 00	395	The	T 011	T 011	Tva	400
669 Ly 670	в гус	Arg	vai	405	Leu	Ala	Int	Asp	410	PIO	Int	neu	neu	415	Giu
672 Al	a Lys	Thr	Lys		Ser	Asn	Tyr	Glu		Ile	Ser	Asp	Asn		Ile
673			420					425			_		430		
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676 678 Gl	v Val	435	T.e.ii	Asn	Tle	His	440 Phe	Len	Ser	Gln	Ala	445 Asp	Phe	Len	Val
679	450		200	110p		455				· · · ·	460				142
681 Cy	s Thr	Phe	Ser	Ser	Gln	Val	Cys	Arg	Val	Ala	Tyr	Glu	Ile	Met	Gln
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684 Th	r Leu	His	Pro	Asp 485	Ala	Ser	Ala	Asn	Phe 490	His	Ser	Leu	Asp		IIe
685 687 Ty	r Tvr	Phe	Glv		Gln	Asn	Δla	His		Gln	Tle	Δla	Val	495 Tvr	Pro
688		1110	500	O ₁	0			505		0211			510	-7-	
690 Hi	s Lys	Pro	Arg	Thr	Glu	Glu	Glu	Ile	Pro	Met	Glu	Pro	Gly	Asp	Ile
691		515				_	520		_			525	_	_	
693 Il	_		Ala	Gly	Asn		Trp	Asp	Gly	Tyr		Lys	Gly	Ile	Asn
694 696 Ar	530 5.vs		Glv	Lvs	Thr	535 Glv	Leu	Tvr	Pro	Ser	540 Tvr	Lvs	Val	Ara	Glu
697 54	-	Lcu	OL,	<i>D</i> ₂ <i>D</i>	550	01,		-1-		555	-3-	,-		5	560
699 Ly	s Ile	Glu	Thr		Lys	Tyr	Pro	Thr	Tyr	Pro	Glu	Ala	Glu	Lys	/
700				565					570					57	5
2297 <					ŀ										
2298 < 2299 <															
2300 <					no sa	pien	ເຮ								
2302 <						_									
2303 L	eu Pro	o Ala	a Glr			Phe	Thr	Pro	-		Pro	Gli	ı Pro	_	
2304	1		. 7	. 3					10		. " » " -	. dl-	. Mai	19	
2306 T	ar Cy	s Arg	д <u>ь</u> ес 20	-	GIL	ı ıyı	Tyr	AS _E		ıını	Alc	l GII	1 Met 3(Cys
2309 S	er Lya	s Cys			Gly	/ Gln	His			. Val	. Phe	Cys			Thr
2310	•	3:			•		40		•			45		•	
2312 S		_	r Val	. Суз	a Asp		_	Glu	Asp	Ser		_	Thi	Glr	Leu
2313	5		. 17-7	P	. (1-	55				. (1-	60 				
2315 T	rp Ası 55	ıı III	vaı	. PIC	70	_	пел	sel	Cys	75 75		. ALC	y Cys	o ael	80
2318 A		n Val	l Glu	. Thr			Cys	Thr	Arc			Asr	Arc	ı Ile	
2319	•		-	85			•		90	*			•	95	_
2321 T	ır Cy	s Arg	-	_	Trp	Tyr	Cys			Ser	Lys	Glr			y Cys
2322			100)				105	i				110)	

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RAW SEQUENCE LISTING DATE: 04/24/2006
PATENT APPLICATION: US/10/575,261 TIME: 16:15:41

Input Set : A:\seq list.txt

Output Set: N:\CRF4\04242006\J575261.raw



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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/575,261

DATE: 04/24/2006 TIME: 16:15:43

Input Set : A:\seq list.txt

Output Set: N:\CRF4\04242006\J575261.raw



Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:17; Line(s) 832

Seq#:74; Line(s) 2501

Seq#:75; Line(s) 2558

Seq#:76; Line(s) 2666

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/575,261

DATE: 04/24/2006 TIME: 16:15:43



Input Set : A:\seq list.txt
Output Set: N:\CRF4\04242006\J575261.raw

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